

# Appendix

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## HITIS Register Message Example

```
<HITISRegister xmlns="">
  <Header OriginalBodyRequested="false" ImmediateResponseRequired="true">
    <FromURI>http://www.pos.com/HITISInterface</FromURI>
    <ToURI>http://www.pms.com/HITISInterface</ToURI>
    <ReplyToURI>http://www.pos.com/HITISInterface</ReplyToURI>
    <MessageID>1234567890</MessageID>
    <OriginalMessageID>1234567890</OriginalMessageID>
    <TimeStamp>200-07-25T10:23:44</TimeStamp>
    <Token/>
  </Header>
  <Body>
    <LanguageID>en_US</LanguageID>
    <Version>1.0</Version>
    <Authentications>
      <Authentication AuthenticationType="Password">
        <Value/>
        <Name/>
        <Login>ID0123</Login>
        <Password>xxxxooo</Password>
      </Authentication>
      <Role>D706YX</Role>
      <TransportProtocol ProtocolType="http">
        <Property>
          <Name/>
          <Value/>
        </Property>
        <ContactLocation>http://www.pms.com/HITISInterface</ContactLocation>
      </TransportProtocol>
      <Token TokenType="HostAssigned" />
      <TokenExpires>2000-08-01T24-00-000</TokenExpires>
      <TokenCount>3</TokenCount>
    </Authentications>
  </Body>
</HITISRegister>
```

## HITIS UnRegister Message Example

```
<HITISUnRegister xmlns="" Version="1.0">
  <Header OriginalBodyRequested="false" ImmediateResponseRequired="false">
    <FromURI>http://www.pos.com/HITISInterface</FromURI>
    <ToURI>http://www.pms.com/HITISInterface</ToURI>
    <ReplyToURI>http://www.pos.com/HITISInterface</ReplyToURI>
    <MessageID>1234567890</MessageID>
    <OriginalMessageID>1234567890</OriginalMessageID>
    <TimeStamp>200-07-25T10:23:44</TimeStamp>
    <Token>d29jtu799874903.xyz</Token>
  </Header>
</HITISUnRegister>
```

## HotelSearchQueryRequest Message Example

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XML Spy v3.0b2 (http://www.xmlspy.com) by John Helsel (CynterCon) -->
<!--Hospitality Industry Technology Integration Standards (HITIS) Draft Standard, Version 1.0-->
<!--Copyright, American Hotel & Motel Association, April 14, 2000-->
<!--HITISMessage "HotelSearchQueryRequest" -->
<!--Sample Message Instance-->
<HITISMessage xmlns="" Version="1.0">
  <Header OriginalBodyRequested="false" ImmediateResponseRequired="true">
    <FromURI>http://www.crs.com/HITISInterface</FromURI>
    <ToURI>http://www.pms.com/HITISInterface</ToURI>
    <ReplyToURI>http://www.crs.com/HITISInterface</ReplyToURI>
    <MessageID>1234567890</MessageID>
    <OriginalMessageID>1234567890</OriginalMessageID>
    <TimeStamp>1999-11-10T10:23:47</TimeStamp>
    <Token>1234-567-8901</Token>
    <!--Token to be assigned in response to HITISRegister-->
  </Header>
  <Body>
    <HITISOperation OperationName="HotelSearchQueryRequest">
      <HotelSearchQueries>
        <HotelSearchQuery>
          <HotelSearchCriterion SearchCriteriaType="Location"
ImportanceType="High">
            <Position>
              <Latitude>28.8</Latitude>
              <Longitude>95.1</Longitude>
            </Position>
            <Distance>112</Distance>
            <Direction>22</Direction>
            <HotelCandidates>
              <HotelReference>
                <ChainCode>1001</ChainCode>
                <HotelCode>Hilton001</HotelCode>
              </HotelReference>
            </HotelCandidates>
            <PostalAddress AddressType="Business">
              <Address1>Dept HR02</Address1>
              <Address2>7th Floor</Address2>
              <Address3>PO Box 12302</Address3>
              <Address4>1213 East Main St</Address4>
              <City>Rockville</City>
              <StateCode>AK</StateCode>
              <PostalCode>34234</PostalCode>
              <CountryCode>USA</CountryCode>
            </PostalAddress>
            <PhoneNumber PhoneNumberType="HomePhone">
              <CountryAccessNumber>1</CountryAccessNumber>
              <CityCode>301</CityCode>
              <PhoneNumber>5551212</PhoneNumber>
              <PhoneExtension>3429</PhoneExtension>
            </PhoneNumber>
            <HotelSearchStringValues/>
          </HotelSearchCriterion>
        </HotelSearchQuery>
      </HotelSearchQueries>
    </HITISOperation>
  </Body>
</HITISMessage>
```

Downloaded from www.xmlspy.com

## HotelSearchQueryResponse Message Example

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XML Spy v3.0b2 (http://www.xmlspy.com) by John Helsel (CynterCon) -->
<!--Hospitality Industry Technology Integration Standards (HITIS) Draft Standard, Version 1.0-->
<!--Copyright, American Hotel & Motel Association, April 14, 2000-->
<!--HITISMessage "HotelSearchQueryResponse" -->
<!--Sample Message Instance-->
<HITISMessage xmlns="" Version="1.0">
  <Header OriginalBodyRequested="false" ImmediateResponseRequired="true">
    <FromURI>http://www.crs.com/HITISInterface</FromURI>
    <ToURI>http://www.pms.com/HITISInterface</ToURI>
    <ReplyToURI>http://www.crs.com/HITISInterface</ReplyToURI>
    <MessageID>1234567890</MessageID>
    <OriginalMessageID>1234567890</OriginalMessageID>
    <TimeStamp>1999-11-10T10:23:47</TimeStamp>
    <Token>1234-567-8901</Token>
    <!--Token to be assigned in response to HITISRegister-->
  </Header>
  <Body>
    <HITISOperation OperationName="HotelSearchQueryResponse" HITISCode="0x2F01">
      <ReservationID>1700</ReservationID>
      <Errors>
        <Error HITISCode="0x20">Can't process this reservation</Error>
        <Error HITISCode="0x25">No Credit Card Information</Error>
      </Errors>
      <HotelSearchRecords>
        <HotelSearchRecord>
          <HotelReference>
            <ChainCode>1001</ChainCode>
            <HotelCode>Hilton001</HotelCode>
          </HotelReference>
          <HotelName>Metro Hilton</HotelName>
          <LocationDescription/>
          <Relevance>90</Relevance>
        </HotelSearchRecord>
      </HotelSearchRecords>
    </HITISOperation>
  </Body>
</HITISMessage>
```

## AvailabilityQueryRequest Message Example

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XML Spy v3.0b2 (http://www.xmlspy.com) by John Helsel (CynterCon) -->
<!--Hospitality Industry Technology Integration Standards (HITIS) Draft Standard, Version 1.0-->
<!--Copyright, American Hotel & Motel Association, April 14, 2000-->
<!--HITISMessage "AvailabilityQueryRequest" -->
<!--Sample Message Instance-->
<HITISMessage xmlns="" Version="1.0">
  <Header OriginalBodyRequested="false" ImmediateResponseRequired="true">
    <FromURI>http://www.crs.com/HITISInterface</FromURI>
    <ToURI>http://www.pms.com/HITISInterface</ToURI>
    <ReplyToURI>http://www.crs.com/HITISInterface</ReplyToURI>
    <MessageID>1234567890</MessageID>
    <OriginalMessageID>1234567890</OriginalMessageID>
    <TimeStamp>1999-11-10T10:23:47</TimeStamp>
    <Token>1234-567-8901</Token>
    <!--Token to be assigned in response to HITISRegister-->
  </Header>
  <Body>
    <HITISOperation OperationName="AvailabilityQueryRequest">
      <AvailabilityQuery AvailRequestType="Room">
        <HotelReference>
          <ChainCode>1001</ChainCode>
          <HotelCode>Hilton001</HotelCode>
        </HotelReference>
        <RatePlanCandidates>
          <RatePlanCandidate CandidateType="Club">
            <CandidateValue>can211</CandidateValue>
          </RatePlanCandidate>
        </RatePlanCandidates>
        <LanguageID>Eng</LanguageID>
        <RequestedCurrencyCode/>
        <RateMinCurrency>
          <Currency CurrencyCode="USD">142.00</Currency>
        </RateMinCurrency>
        <RateMaxCurrency>
          <Currency CurrencyCode="USD">142.00</Currency>
        </RateMaxCurrency>
        <StayDateRange>
          <DateTimeSpan>
            <startInstant>1999-05-31T13:20:00</startInstant>
            <duration>+0000-00-02T22:40:00</duration>
          </DateTimeSpan>
        </StayDateRange>
        <Profiles>
          <Profile ProfileType="Guest" GenderType="Male">
            <ProfileID>guest01</ProfileID>
            <CreatorCode>fd001</CreatorCode>
            <CreatedDate>1999-11-10T10:23:47</CreatedDate>
            <LastUpdaterCode>0201abc</LastUpdaterCode>
            <LastUpdated>1999-11-10T10:23:47</LastUpdated>
            <ConsortiumCode>erd003</ConsortiumCode>
            <CommissionPlanCode>complan01</CommissionPlanCode>
            <PreferredRatePlanCode>rateplan01</PreferredRatePlanCode>
            <PreferredRoomTypeCodes>roomtype23</PreferredRoomTypeCodes>
            <GenericName>Smith</GenericName>
            <IndividualName>
              <NameInfo>
                <NamePrefix>Mr.</NamePrefix>
                <NameFirst>Kevin</NameFirst>
                <NameMiddle>R.</NameMiddle>
                <NameSur>Smith</NameSur>
                <NameSuffix>Jr.</NameSuffix>
                <NameTitle>Professor</NameTitle>
                <NameOrdered> Kevin Smith</NameOrdered>
              </NameInfo>
            </IndividualName>
            <CorporatePosition>cto</CorporatePosition>
            <PIN>3344</PIN>
            <DateOfBirth>19550203</DateOfBirth>
            <ExpirationDate>1999-11-10T10:23:47</ExpirationDate>
            <CreditLimit CurrencyCode="USD">142.00</CreditLimit>
            <PrimaryLanguageID>Eng</PrimaryLanguageID>
            <AlternateLanguageIDs>
              <AlternateLanguageID/>
            </AlternateLanguageIDs>
            <Documents>
              <Document>
                <Name>John Q Public</Name>
                <Number>34254</Number>
                <CountryCode>23</CountryCode>
                <NationalityCode>12</NationalityCode>
              </Document>
            </Documents>
          </Profile>
        </Profiles>
      </AvailabilityQuery>
    </HITISOperation>
  </Body>
</HITISMessage>
```

```

10T10:23:47</EffectiveDate>
10T10:23:47</ExpirationDate>

<EffectiveDate>1999-11-
<ExpirationDate>1999-11-

<DocumentCode>pass002</DocumentCode>
<PlaceOfIssue>Wash.DC</PlaceOfIssue>
</Document>
</Documents>
<CreditCards>
  <CreditCard>
    <CreditCardCode>abcde</CreditCardCode>
    <CreditCardHolderName>John Q
Public</CreditCardHolderName>

    <CreditCardNumber>1234567891011234</CreditCardNumber>

    <CreditCardBeginDate>19991201</CreditCardBeginDate>
    <CreditCardExpire>20021130</CreditCardExpire>
    <IssuingBankCode>abc12345601</IssuingBankCode>
    <SeriesCode>abcd</SeriesCode>
  </CreditCard>
</CreditCards>
<ElectronicAddresses>
  <ElectronicAddress ElectronicAddressType="Email">
    <EAddress>jsmith@aol.com</EAddress>
  </ElectronicAddress>
</ElectronicAddresses>
<Extensions>
  <Extension>
    <ContentCode>wer333</ContentCode>
    <ContentData/>
    <Description>extension for service</Description>
  </Extension>
</Extensions>
<Membership>
  <Membership>
    <ProgramCode>abc123</ProgramCode>
    <AccountID>12345</AccountID>
    <LevelCode>abcnn</LevelCode>

    <MembershipCategoryCode>cdefr</MembershipCategoryCode>
    <ExpireDate>1999-11-10T10:23:47</ExpireDate>
    <SignupDate>1999-11-10T10:23:47</SignupDate>
    <StartDate>1999-11-10T10:23:47</StartDate>
  </Membership>
</Membership>
<PostalAddresses>
  <PostalAddress AddressType="Business">
    <Address1>Dept HR02</Address1>
    <Address2>7th Floor</Address2>
    <Address3>PO Box 12302</Address3>
    <Address4>1213 East Main St</Address4>
    <City>Rockville</City>
    <StateCode>AK</StateCode>
    <PostalCode>34234</PostalCode>
    <CountryCode>USA</CountryCode>
  </PostalAddress>
</PostalAddresses>
<PhoneNumbers>
  <PhoneNumber PhoneNumberType="HomePhone">
    <CountryAccessNumber>1</CountryAccessNumber>
    <CityCode>301</CityCode>
    <PhoneNumber>5551212</PhoneNumber>
    <PhoneExtension>3429</PhoneExtension>
  </PhoneNumber>
</PhoneNumbers>
<ProfileCertifications>
  <ProfileCertification CertificationType="IATA">
    <CertificationID>xxswer</CertificationID>
  </ProfileCertification>
</ProfileCertifications>
<ProfileReferences>
  <Profile/>
</ProfileReferences>
<SpecialRequests>
  <SpecialRequest ReservationActionType="New">
    <SpecialRequestRPH/>
    <RequestCode>ret222</RequestCode>
    <RequestComments>need wheelchair for handicap
guest</RequestComments>

  </SpecialRequest>
</SpecialRequests>
<Comments>
  <ProfileComment>

```



<TACommissionPlanCode>tacomm567</TACommissionPlanCode>  
<ResGuestRPHs/>  
<SelectedMembershipRPHs/>  
<ResCommentRPHs/>  
<SpecialRequestRPHs/>  
<ServiceRPHs/>  
<GuaranteeInfo>

<GuaranteeInfo GuaranteeType="NoGuarantee">  
<DropTime>20000401T100334</DropTime>  
<ResCreditCardRPH>2</ResCreditCardRPH>  
<ResProfileRPH>8</ResProfileRPH>  
<GuaranteeDeposit>  
<PaymentDue>  
<DueDate>20000401</DueDate>  
<Amount>  
<Currency>

CurrencyCode="USD">142.00</Currency>

</Amount>

<CancelIfNotReceived>yes</CancelIfNotReceived>

</PaymentDue>

</GuaranteeDeposit>

</GuaranteeInfo>

</GuaranteeInfo>

<CancelPenalties>

<CancelPenalty>

<CancelByDate>20000601</CancelByDate>

<Amount>

<Currency>

CurrencyCode="USD">142.00</Currency>

</Amount>

</CancelPenalty>

</CancelPenalties>

<PaymentInstructions>

<PaymentInstruction PaymentMethodType="CreditCard">

<ResCreditCardRPH>6</ResCreditCardRPH>

<PaymentDue>

<PaymentDue>

<DueDate>20000401</DueDate>

<Amount>

<Currency>

CurrencyCode="USD">142.00</Currency>

</Amount>

<CancelIfNotReceived>yes</CancelIfNotReceived>

</PaymentDue>

</PaymentDue>

</PaymentInstruction>

</PaymentInstructions>

</RoomStay>

</RoomStays>

<Services>

<Service ReservationAcitonType="New" ServicePricingType="PerNight"

ReservationStatusType="Requested">

<ServiceRPH>56</ServiceRPH>

<AnticipatedSettlementRPHs/>

<ResCommentRPHs/>

<SelectedMembershipRPHs/>

<ServiceInventoryCode>si567</ServiceInventoryCode>

<RatePlanCode>rpc3344</RatePlanCode>

<InventoryBlockCode>ibc3344</InventoryBlockCode>

<TimeSpan>

<DateTimeSpan>

<startInstant>1999-05-31T13:20:00</startInstant>

<duration>+0000-00-02T22:40:00</duration>

</DateTimeSpan>

</TimeSpan>

<Price>

<Currency CurrencyCode="USD">142.00</Currency>

</Price>

<PriceGuaranteed>yes</PriceGuaranteed>

<Inclusive>No</Inclusive>

<Quantity>433</Quantity>

<GuaranteeInfos>

<GuaranteeInfo GuaranteeType="NoGuarantee">

<DropTime>20000401</DropTime>

<ResCreditCardRPH>2</ResCreditCardRPH>

<ResProfileRPH>8</ResProfileRPH>

<GuaranteeDeposit>

<PaymentDue>

<DueDate>20000315</DueDate>

<Amount>

<Currency>

CurrencyCode="USD">142.00</Currency>

[illegible]

```
CurrencyCode="USD">142.00</Currency>
```

```
CurrencyCode="USD">142.00</Currency>
```

&lt;/Amount&gt;

<CancelIfNotReceived>yes</CancelIfNotReceived>

&lt;/PaymentDue&gt;

&lt;/PaymentDue&gt;

&lt;/PaymentInstructions&gt;

<GuestCounts>

&lt;Guest Count&gt;

<AgeQualifyingCode>Gu302</AgeQualifyingCode>

<Count>4</Count>

<PaymentDue>

<DueDate>20000401</DueDate>

```
<Amount>
    <Currency
```

&lt;/Amount&gt;

&lt;/PaymentDue&gt;

&lt;/PaymentDue&gt;

&lt;/PaymentInstructions&gt;

<GuestCounts>

ount>

<AgeQualifyingCode>Gu302</AgeQualifyingCode>

<Count>4</Count>

&lt;/GuestCounts&gt;

&lt;/Service&gt;

&lt;/Services&gt;

<SpecialRequests>

```
<RequestComments>these are request comments</RequestComments>
```

<SpecialRequestRPH>44</SpecialRequestRPH>

<RequestCode>sr456</RequestCode>

```
</SpecialRequest>
```

&lt;/SpecialRequests&gt;

&lt;/AvailabilityQuery&gt;

```
<RequestQueryDetail>Yes</RequestQueryDetail>
```

&lt;/HITISOperation&gt;

&lt;/Body&gt;

&lt;/HITISMessage&gt;



# AvailabilityQueryResponse Message Example

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XML Spy v3.0b2 (http://www.xmlspy.com) by John Helsel (CynterCon) -->
<!--Hospitality Industry Technology Integration Standards (HITIS) Draft Standard, Version 1.0-->
<!--Copyright, American Hotel & Motel Association, April 14, 2000-->
<!--HITISMessage "AvailabilityQueryResponse" -->
<!--Sample Message Instance-->
<HITISMessage xmlns="" Version="1.0">
  <Header OriginalBodyRequested="false" ImmediateResponseRequired="true">
    <FromURI>http://www.crs.com/HITISInterface</FromURI>
    <ToURI>http://www.pms.com/HITISInterface</ToURI>
    <ReplyToURI>http://www.crs.com/HITISInterface</ReplyToURI>
    <MessageID>1234567890</MessageID>
    <OriginalMessageID>1234567890</OriginalMessageID>
    <TimeStamp>1999-11-10T10:23:47</TimeStamp>
    <Token>1234-567-8901</Token>
    <!--Token to be assigned in response to HITISRegister-->
  </Header>
  <Body>
    <HITISOperation OperationName="AvailabilityQueryResponse" HITISCode="0x2F01">
      <ReservationID>1700</ReservationID>
      <Errors>
        <Error HITISCode="0x20">Can't process this reservation</Error>
        <Error HITISCode="0x25">No Credit Card Information</Error>
      </Errors>
      <AvailabilitySummaryResponses>
        <AvailabilitySummaryResponse>
          <HotelReference>
            <ChainCode>1001</ChainCode>
            <HotelCode>Hilton001</HotelCode>
          </HotelReference>
          <MarketingText/>
          <AvailabilitySummaryRecords>
            <AvailabilitySummaryRecord
              RequiredGuaranteeType="GuaranteeRequired">
                <IsRoom>Yes</IsRoom>
                <IsConverted>No</IsConverted>
                <IsAlternate>No</IsAlternate>
                <RatePlanCode/>
                <InventoryCode/>
                <Description/>
                <RateQuotes>
                  <RateQuote>
                    <DateRange>
                      <DateTimeSpan>
                        <startInstant>1999-05-
31T13:20:00</startInstant>
                        <duration>+0000-00-
02T22:40:00</duration>
                      </DateTimeSpan>
                    </DateRange>
                    <QuotedRateAmount>
                      <Currency>
CurrencyCode="USD">142.00</Currency>
                    </QuotedRateAmount>
                    <RateBasisTimeUnitType>1999-11-
10T10:23:47</RateBasisTimeUnitType>
                    <RateBasisUnits>6</RateBasisUnits>
                  </RateQuote>
                </RateQuotes>
              </AvailabilitySummaryRecord>
            </AvailabilitySummaryRecords>
          </AvailabilitySummaryResponse>
        </AvailabilitySummaryResponses>
        <AvailabilityDetailResponses>
          <AvailabilityDetailResponse AvailabilityDetailType="RoomInformation">
            <DetailDescription/>
          </AvailabilityDetailResponse>
        </AvailabilityDetailResponses>
      </HITISOperation>
    </Body>
  </HITISMessage>
```

AC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XML Spy v3.0b2 (http://www.xmlspy.com) by John Helsel (CynterCon) -->
<!--Hospitality Industry Technology Integration Standards (HITIS) Draft Standard, Version 1.0-->
<!--Copyright, American Hotel & Motel Association, April 14, 2000-->
<!--HITISMessage "ReservationBookingRequest" -->
<!--Sample Message Instance-->
<HITISMessage xmlns="" Version="1.0">
  <Header OriginalBodyRequested="false" ImmediateResponseRequired="true">
    <FromURI>http://www.crs.com/HITISInterface</FromURI>
    <ToURI>http://www.pms.com/HITISInterface</ToURI>
    <ReplyToURI>http://www.crs.com/HITISInterface</ReplyToURI>
    <MessageID>1234567890</MessageID>
    <OriginalMessageID>1234567890</OriginalMessageID>
    <TimeStamp>1999-11-10T10:23:47</TimeStamp>
    <Token>1234-567-8901</Token>
    <!--Token to be assigned in response to HITISRegister-->
  </Header>
  <Body>
    <HITISOperation OperationName="ReservationBookingRequest" ReservationRequestType="Commit">
      <ReservationTransaction ReservationTransactionType="New"
ReservationMessageType="Normal">
        <RoutingHops>
          <RoutingHop>
            <SystemCode>rh1001</SystemCode>
            <ObjectID>res23022</ObjectID>
            <TimeStamp>1999-11-10T10:23:47</TimeStamp>
            <Data>additioanl data about this reservation</Data>
          </RoutingHop>
        </RoutingHops>
        <WrittenConfirmationInstructions>
          <WrittenConfirmationInstruction ProfileType="Guest">
            <ElectronicAddresses>
              <ElectronicAddress ElectronicAddressType="Email">
                <EAddress>jsmith@aol.com</EAddress>
              </ElectronicAddress>
            </ElectronicAddresses>
            <PostalAddresses>
              <PostalAddress AddressType="Business">
                <Address1>Dept HR02</Address1>
                <Address2>7th Floor</Address2>
                <Address3>PO Box 12302</Address3>
                <Address4>1213 East Main St</Address4>
                <City>Rockville</City>
                <StateCode>AK</StateCode>
                <PostalCode>34234</PostalCode>
                <CountryCode>USA</CountryCode>
              </PostalAddress>
            </PostalAddresses>
            <PhoneNumbers>
              <PhoneNumber PhoneNumberType="HomePhone">
                <CountryAccessNumber>1</CountryAccessNumber>
                <CityCode>301</CityCode>
                <PhoneNumber>5551212</PhoneNumber>
                <PhoneExtension>3429</PhoneExtension>
              </PhoneNumber>
            </PhoneNumbers>
            <LanguageID>Eng</LanguageID>
          </WrittenConfirmationInstruction>
        </WrittenConfirmationInstructions>
        <Reservation>
          <HotelReference>
            <ChainCode>HC121</ChainCode>
            <HotelCode>H2376</HotelCode>
          </HotelReference>
          <RoomStayReservation>true</RoomStayReservation>
          <ConfirmationID>237890-32JV</ConfirmationID>
          <ReservationID>782640-01</ReservationID>
          <ReservationOriginatorCode>HC23785</ReservationOriginatorCode>
          <OriginalBookingDate>1999-11-10T09:23:42</OriginalBookingDate>
          <CancellationID/>
          <CancelOriginatorCode/>
          <CancellationDate>1999-11-10T09:23:42</CancellationDate>
          <StayDateRange>
            <DateTimeSpan>
              <startInstant>1999-12-01T13:00:00</startInstant>
              <duration>+0000-00-02T22:00:00</duration>
            </DateTimeSpan>
          </StayDateRange>
          <GuestCounts>
            <GuestCount>
              <AgeQualifyingCode>SN65</AgeQualifyingCode>
              <Count>1</Count>
            </GuestCount>
          </GuestCounts>
        </Reservation>
      </HITISOperation>
    </HITISMessage>
  </Body>
</HITISMessage>
```

```

        </GuestCount>
        <GuestCount>
            <AgeQualifyingCode>Y12</AgeQualifyingCode>
            <Count>1</Count>
        </GuestCount>
    </GuestCounts>
    <ResComments>
        <ResComment ReservationActionType="New">
            <ResCommentRPH>6</ResCommentRPH>
            <CommentOriginatorCode>23GK</CommentOriginatorCode>
            <GuestViewable>true</GuestViewable>
            <Comment>Reservation is a part of a share</Comment>
        </ResComment>
    </ResComments>
    <ResCreditCards>
        <ResCreditCard>
            <CreditCard>
                <CreditCardCode>MC</CreditCardCode>
                <CreditCardHolderName>John R.
Stevens</CreditCardHolderName>

                <CreditCardNumber>1234567891011234</CreditCardNumber>

                <CreditCardBeginDate>19991201</CreditCardBeginDate>
                <CreditCardExpire>20021130</CreditCardExpire>
                <IssuingBankCode>00056-12345601</IssuingBankCode>
                <SeriesCode>abcd</SeriesCode>
            </CreditCard>
        </ResCreditCard>
    </ResCreditCards>
    <ResGuests>
        <ResGuest ReservationActionType="New">
            <ResGuestRPH>1</ResGuestRPH>
            <ProfileRPHs>
                <ProfileRPH>1</ProfileRPH>
                <ProfileRPH>2</ProfileRPH>
            </ProfileRPHs>
            <SpecialRequestRPHs>
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                <SpecialRequestRPH>2</SpecialRequestRPH>
            </SpecialRequestRPHs>
            <ResCommentRPHs>
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                <ResCommentRPH>2</ResCommentRPH>
            </ResCommentRPHs>
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                <ServiceRPH>1</ServiceRPH>
                <ServiceRPH>3</ServiceRPH>
            </ServiceRPHs>
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            <DepartureTime>19991115T02:29:00</DepartureTime>
            <GroupEventCode>SR-242</GroupEventCode>
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    </ResGuests>
    <ResProfiles>
        <ResProfile ReservationActionType="New">
            <ResProfileRPH>1</ResProfileRPH>
            <!--ResProfile inherits all of the attributes of a
Profile which may be inserted as an
external entity unique to each reservation.-->
            <Profile/>
        </ResProfile>
    </ResProfiles>

```

```

        <ResProfile ReservationActionType="New">
            <ResProfileRPH>2</ResProfileRPH>
            <!--ResProfile inherits all of the attributes of
a Profile which may be inserted as an
external entity unique to each reservation.-->
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                </GuestCount>
                <GuestCount>
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                            <TimeSpan>
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                                    <!--Rate
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indicated in duration)-->
                                </TimeSpan>
                            </TimeSpan>
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                    </Rates>
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            <MarketSegmentCode>TASR-556</MarketSegmentCode>
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    <RevenueCode>1127SV</RevenueCode>  
    <RevenueCode>9872TX</RevenueCode>  
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SettlementType="DirectBill">

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    <RevenueCode>9872TX</RevenueCode>  
</ApplicableRevenueCodes>  
<MasterRoomStayRPH>88</MasterRoomStayRPH>  
</AnticipatedSettlement>  
</AnticipatedSettlements>  
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        <RequestComments>Greet first guest to arrive with a  
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    </SpecialRequest>  
    <SpecialRequest ReservationActionType="New">  
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        <RequestCode>SR26</RequestCode>  
        <RequestComments>Prefers poolside view</RequestComments>  
    </SpecialRequest>  
</SpecialRequests>  
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ReservationStatusType="Requested" ReservationActionType="New">  
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<AnticipatedSettlementRPH>1</AnticipatedSettlementRPH>

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    <ResCommentRPH>2</ResCommentRPH>  
</ResCommentRPHs>  
<SelectedMembershipRPHs>  
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    <SelectedMembershipRPH>2</SelectedMembershipRPH>  
</SelectedMembershipRPHs>  
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        <ResProfileRPH>2</ResProfileRPH>  
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</GuaranteeInfo>  
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11:00:00 AM 11/11/2019

```
25T18:00:00</CancelByDate>
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    </PaymentDue>
    </PaymentInstruction>
</PaymentInstructions>
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    </GuestCount>
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        <ObjectID>res789234</ObjectID>
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    <ResProfileRPH>2</ResProfileRPH>
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    <SpecialRequestRPH>2</SpecialRequestRPH>
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    <ServiceRPH>3</ServiceRPH>
</ServiceRPHs>
</Reservation>
</ReservationTransaction>
</HITISOperation>
</Body>
</HITISMessage>
```

## ReservationBookingResponse Message Example

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<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XML Spy v3.0b2 (http://www.xmlspy.com) by John Helsel (CynterCon) -->
<!--Hospitality Industry Technology Integration Standards (HITIS) Draft Standard, Version 1.0-->
<!--Copyright, American Hotel & Motel Association, April 14, 2000-->
<!--HITISMessage "ReservationBookingResponse" -->
<!--Sample Message Instance-->
<HITISMessage xmlns="" Version="1.0">
  <Header OriginalBodyRequested="false" ImmediateResponseRequired="true">
    <FromURI>http://www.crs.com/HITISInterface</FromURI>
    <ToURI>http://www.pms.com/HITISInterface</ToURI>
    <ReplyToURI>http://www.crs.com/HITISInterface</ReplyToURI>
    <MessageID>1234567890</MessageID>
    <OriginalMessageID>1234567890</OriginalMessageID>
    <TimeStamp>1999-11-10T10:23:47</TimeStamp>
    <Token>1234-567-8901</Token>
    <!--Token to be assigned in response to HITISRegister-->
  </Header>
  <Body>
    <HITISOperation OperationName="ReservationBookingResponse" HITISCode="0x2F01">
      <ReservationID>1700</ReservationID>
      <Errors>
        <Error HITISCode="0x20">Can't process this reservation</Error>
        <Error HITISCode="0x25">No Credit Card Information</Error>
      </Errors>
      <Reservation>
        <HotelReference>
          <ChainCode>HC121</ChainCode>
          <HotelCode>H2376</HotelCode>
        </HotelReference>
        <RoomStayReservation>true</RoomStayReservation>
        <ConfirmationID>237890-32JV</ConfirmationID>
        <ReservationID>782640-01</ReservationID>
        <ReservationOriginatorCode>HC23785</ReservationOriginatorCode>
        <OriginalBookingDate>1999-11-10T09:23:42</OriginalBookingDate>
        <CancellationID/>
        <CancelOriginatorCode/>
        <CancellationDate>1999-11-10T09:23:42</CancellationDate>
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          </DateTimeSpan>
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          </GuestCount>
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            <ResCommentRPH>6</ResCommentRPH>
            <CommentOriginatorCode>23GK</CommentOriginatorCode>
            <GuestViewable>true</GuestViewable>
            <Comment>Reservation is a part of a share</Comment>
          </ResComment>
        </ResComments>
        <ResCreditCards>
          <ResCreditCard>
            <CreditCard>
              <CreditCardCode>MC</CreditCardCode>
              <CreditCardHolderName>John R.
Stevens</CreditCardHolderName>
              <CreditCardNumber>1234567891011234</CreditCardNumber>
              <CreditCardBeginDate>19991201</CreditCardBeginDate>
              <CreditCardExpire>20021130</CreditCardExpire>
              <IssuingBankCode>00056-12345601</IssuingBankCode>
              <SeriesCode>abcd</SeriesCode>
            </CreditCard>
          </ResCreditCard>
        </ResCreditCards>
        <ResGuests>
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              <ProfileRPH>2</ProfileRPH>
            </ProfileRPHs>
          </ResGuest>
        </ResGuests>
      </Reservation>
    </HITISOperation>
  </Body>
</HITISMessage>
```



[illegible]

which may be inserted as an  
external entity unique to each reservation.-->

31T13:00:00&lt;/startInstant&gt;

```

00T22:00:00</duration>
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</TimeSpan>
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    <RateBasisUnits
RateBasisTimeUnitType="Day">3</RateBasisUnits>
    <TimeSpan>
      <TimeSpan>
        <!--Rate effective
from usual check-in to check-out time. (Time only
indicated in duration)-->
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        <startInstant>T13:00:00</startInstant>
        <duration>T22:00:00</duration>
      </DateTimeSpan>
    </TimeSpan>
  </Rate>
</Rates>
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  <SelectedMembershipRPH>2</SelectedMembershipRPH>
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  <ServiceRPH>2</ServiceRPH>
</ServiceRPHs>
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        <AccountID>4579-5692-479 AA</AccountID>
        <PointsEarned>6</PointsEarned>
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        </ApplicableRevenueCodes>
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champagne</RequestComments>
    </SpecialRequest>
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        <SpecialRequestRPH>2</SpecialRequestRPH>
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        <Inclusive>false</Inclusive>
        <Quantity>1</Quantity>
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# Glossary of Terms

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**ADO – ActiveX Data Objects (ADO).** ADO is Microsoft's strategic, high-level interface to all kinds of data. ADO is designed as an interface to Microsoft's newest and most powerful data access paradigm, OLE DB. OLE DB provides high-performance access to any data source, including relational and non-relational databases, email and file systems, text and graphics, custom business objects and more.

**APU – Automatic Processing Utility (APU).** APU is an NT service that facilitates the launching of events on a time basis either by time of day or by reoccurring time intervals.

**ASP – Active Server Pages (ASP).** Active Server Pages is an open, compile-free application environment in which you can combine HTML, scripts, and reusable ActiveX server components to create dynamic and powerful Web-based business solutions.

**COM+ - Component Object Model + (COM+).** COM+ is an extension to the Component Object Model (COM) that builds on COM's integrated services and features, making it easier for developers to create and use software components in any language, using any tool.

**CRS – Central Reservation System (CRS).** This is a computer system that takes reservations for multiple properties and then distributes the reservations to those properties.

**DTD – Document Type Definition (DTD).** A Document Type Definition is a file, written in XML, which contains a formal definition of a particular type of document. It sets out what names can be used for element types, where they may occur, and how they all fit together.

**GDO – Global Data Objects (GDO).** This is the COM+ object that handles all the data access for the IIC.

**HITIS – Hospitality Industry Technology Integration Standards (HITIS).** HITIS is an initiative, led by the American Hotel & Motel Association (AH&MA), to create computer interfacing standards that will accelerate the hospitality industry's technology usage and lower automation costs.

**IIC – The Internet Information Controller (IIC).** The collection of programs used by GETS to control/talk to external devices.

**IIC CLIENT –** This is the program that resides at a property and passes serial data to/from the IIC.

**IIS – Internet Information Server (IIS).** Microsoft's World Wide Web server, see <http://www.microsoft.com/iis>

**IKO – Interface Knowledge Objects (IKO).** This is the COM+ object that handles all interface information processing.

**INTERFACE DEVICES –** Any remote device that needs to communication with the property management system or the hotel.

**MTS – Microsoft Transaction Server (MTS).** See COM+, MTS is the version of COM+ that exists on Windows NT 4.0.

**PMS – Property Management System (PMS).** A Property Management System is a set of software applications used to help managing a facility (i.e. a hotel property).

**SERIALPORT.OCX –** The serial communications layer used by the IIC Client.

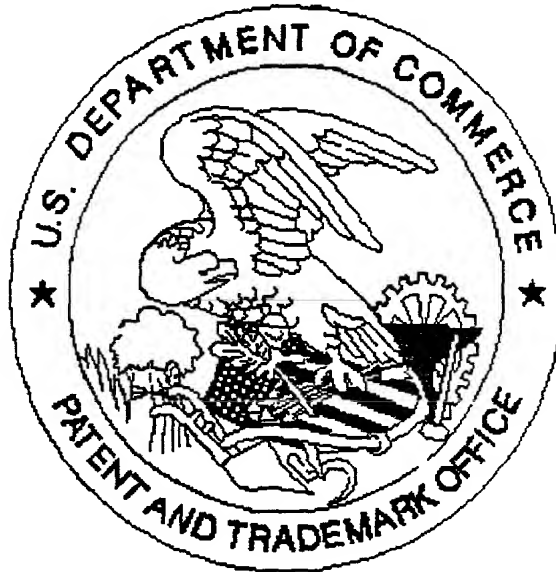
**SIP – Super Information Provider (SIP).** GETS' central database that serves as the backend for WebLT and all other internet applications.

**SOAP – Simple Object Access Protocol (SOAP).** SOAP is a protocol specification for invoking methods on server, services, components and objects. SOAP codifies the existing practices of using XML and HTTP as a method invocation mechanism. The SOAP specification mandates a small number of HTTP headers that facilitate firewall/proxy filtering. The SOAP specification also mandates an XML vocabulary that is used for representing method parameters, return values, and exceptions.

**XKO – XML Knowledge Objects (XKO).** This is the COM+ object that handles all inbound/outbound XML message traffic.

**XML – eXtensible Markup Language (XML).** XML is a data format for structured document interchange on the Web (Internet). It is extensible because it is not a single, fixed format, predefined markup language like HTML. XML is a meta-language; a language for describing other languages, which lets you design your own markup.

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